

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~set top~~-terminal comprising:
 - an interface configured to receive a ~~television-~~single signal comprising a composite data stream;
 - program reception circuitry configured to extract and present audiovisual ~~television~~ programs ~~and program control information~~ received in the composite data stream;
 - a hardware upgrade port configured to receive upgrade circuitry that provides simultaneous access to audio programs received in the composite data stream, wherein a presentation of the audio programs by the upgrade circuitry is independent from ~~and uncorrelated to~~ the presentation of the audiovisual ~~television~~ programs;
 - a processor; and
 - memory storing computer readable instructions, that when executed by the processor, cause the ~~set top~~-terminal to generate an electronic program guide for controlling display of content on a ~~television-~~video screen, the guide comprising a plurality of menus including:
 - a home menu;
 - a plurality of major menus displayed as menu options on the home menu;
 - a plurality of sub menus displayed as menu options on the plurality of major menus; and
 - a plurality of during programming menus enacted after selection of a program;
 - wherein at least one of the plurality of menus comprises the program control information; and wherein at least another one of the plurality of menus comprises a plurality of audio choices for accessing the audio programs.

2. (Currently Amended) The terminal of claim 1, wherein the plurality of menus of the guide ~~further~~-comprises:
 - an introductory menu that is displayed upon beginning use of the guide;
 - a home menu;
 - a plurality of major menus displayed as menu options on the home menu;

a plurality of sub-menus displayed as menu options on the plurality of major menus; and
a plurality of during programming menus enacted after selection of a program, wherein at
least one of the plurality of menus comprises program control information received in the
composite data stream.

3. (Currently Amended) The terminal of claim 2, wherein the introductory menu automatically appears on the televisionvideo screen when the set top terminal is turned on; and

wherein the computer readable instructions, when executed by the processor, further cause the set top terminal to:

generate a cursor highlight overlay to indicate the position of a cursor on at least one menu; and

move the cursor highlight overlay in response to a user selection.

4. (Previously Presented) The terminal of claim 2, wherein the introductory menu displays information or messages from a television delivery system operations center that provides programming.

5. (Original) The terminal of claim 4, wherein the information or messages are directed to a particular subscriber.

6. (Original) The terminal of claim 4, wherein the information or messages are directed to a group of subscribers.

7. (Currently Amended) The terminal of claim 4, wherein the during program menus comprise hidden menus and program overlay menus.

8. (Currently Amended) A set top terminal comprising:
an interface configured to receive a television single signal comprising a composite data stream;

program reception circuitry configured to extract and present audiovisual ~~television~~ programs and program control information received in the composite data stream;

a hardware upgrade port configured to receive upgrade circuitry that provides simultaneous access to audio programs received in the composite data stream, wherein a presentation of the audio programs by the upgrade circuitry is independent from and uncorrelated to the presentation of the audiovisual ~~television~~ programs;

a processor; and

memory storing computer readable instructions, that when executed by the processor, cause the ~~set-top~~ terminal to generate an electronic program guide for controlling display of content on a ~~television~~video screen, the guide comprising:

a plurality of menus, wherein at least one of the menus comprises the program control information, and wherein at least another one of the menus comprises a plurality of audio choices for accessing the audio programs;

a logo that is displayed with a presented audiovisual ~~television~~ program in response to the presented audiovisual ~~television~~ program having an interactive feature; and

an overlay menu that is displayed with the presented audiovisual ~~television~~ program in response to a user selection received by the ~~set-top~~ terminal, the overlay menu including the interactive feature.

9. (Original) The terminal of claim 8, wherein the overlay menu includes menu options for a plurality of interactive features.

10. (Currently Amended) The terminal of claim 9, wherein the overlay menu further includes a menu option to return to the presented audiovisual ~~television~~ program without the interactive features.

11. (Currently Amended) The terminal of claim 9, wherein the guide further comprises a cursor that indicates one of the menu options, wherein the cursor is controlled by a user selection received by the ~~set-top~~ terminal.

12. (Currently Amended) the terminal of claim 9, wherein the interactive features include quizzes, facts, or products, related to the presented audiovisual ~~television~~ program.

13. (Currently Amended) The terminal of claim 9, wherein the guide further comprises a plurality of interactive submenus for use with the interactive features, which submenus are displayed in response to a selection of the menu options received by the ~~set top~~ terminal.

14. (Original) The terminal of claim 13, wherein the submenus are displayed in a video window in a scaled-down program video format.

15. (Currently Amended) The terminal of claim 13, wherein the presented audiovisual ~~television~~ program and one or more of the submenus are displayed on the ~~television~~ video screen at the same time.

16. (Original) The terminal of claim 8, wherein the logo is displayed as an overlay menu.

17-18. (Cancelled)

19. (Currently Amended) The terminal of claim 8, wherein the overlay menu is generated by the ~~set top~~ terminal using data received during a vertical blanking interval.

20. (Currently Amended) The terminal of claim 8, wherein the logo is displayed in a corner of ~~a~~ the video screen of the ~~television~~ periodically for a specified duration.

21. (Currently Amended) The terminal of claim 20, wherein the logo is displayed for fifteen seconds during a plurality of ten-minute segments of the presented audiovisual ~~television~~ program.

22. (Currently Amended) A ~~set top~~ terminal comprising:
an interface configured to receive a ~~television~~ signal comprising a composite data stream;

program reception circuitry configured to extract and present audiovisual ~~television~~ programs and program control information received in the composite data stream;

a hardware upgrade port configured to ~~receive~~ ~~interface to~~ upgrade circuitry ~~external to the terminal~~ that provides simultaneous access to audio programs received in the composite data stream, wherein a presentation of the audio programs by the upgrade circuitry is independent from and uncorrelated to the presentation of the audiovisual ~~television~~ programs;

a processor; and

memory storing computer readable instructions, that when executed by the processor, cause the ~~set top~~ terminal to generate an electronic program guide for controlling display of content on a ~~television~~ ~~video~~ screen, the guide comprising a plurality of menus ~~including:~~

~~— a plurality of interactive menus, each corresponding to a level of interactivity and having one or more interactive menu items for selection; and~~

~~— a main menu having one or more main menu items for selection, which main menu items correspond to the interactive menus, wherein the menus are navigated with selection signals received from a user input;~~

~~— wherein at least one of the plurality of menus comprises the program control information; and wherein at least one of the plurality of menus comprises a plurality of audio choices for accessing the audio programs.~~

23. (Currently Amended) A method comprising:

~~receiving, at a terminal, a television signal comprising a composite data stream from an operations center, the composite data stream having a plurality of programs and interactive features;~~

~~extracting an audiovisual ~~television~~ program from the received composite data stream;~~

~~extracting program control information from the received composite data stream;~~

~~extracting an audio program from the received composite data stream; and~~

~~separately presenting the audiovisual ~~television~~ program and the audio program, wherein the presentation of the audio program is remote and independent from and uncorrelated to the presentation of the audiovisual ~~television~~ program; and~~

~~— generating a plurality of interactive menus each corresponding to a level of interactivity;~~

generating a plurality of program menus, ~~—having information related to the programs;~~
~~and~~

generating a main menu having one or more menu items for selection, the menu items including an interactive menu item for accessing the interactive menus and a program menu item for accessing the program menus;

displaying the main menu on a television screen;

receiving from a user input device a selection of one of the menu items; and

displaying interactive or program menus associated with the selection;

wherein at least one of the menus comprises the program control information, and
wherein at least one of the menus comprises a plurality of audio choices for accessing the audio program.

24. (Currently Amended) The method of claim 23, further comprising:
displaying the audiovisual ~~television~~ program on ~~the~~a video screen; and
displaying during the audiovisual ~~television~~ program a logo indicating that interactive features are associated with the audiovisual program.

25. (Original) The method of claim 24, further comprising:
receiving from the user input device a signal associated with the logo; and
displaying, in response to the signal, an overlay menu of the interactive features.

26. (Canceled)

27. (Currently Amended) The ~~set top~~ terminal of claim 8, wherein the program control information comprises video, graphics and text.

28. (Canceled)

29. (Canceled)

30. (New) The terminal of claim 22, wherein the external upgrade circuitry comprises a visual display separate from the video screen.
31. (New) The terminal of claim 22, wherein the external upgrade circuitry is configured to receive commands from a separate remote control.
32. (New) The terminal of claim 22, wherein the external upgrade circuitry is remotely coupled to the terminal.